

1 Having described certain forms of the invention in some de
2 tail, what is claimed is:

3 1. A unitary resin chamber construction, said construction
4 including a chamber, a peripheral flange, a pouring spout, and at
5 least one vent.

6 2. The resin chamber construction of claim 1, wherein said
7 peripheral flange includes an inner surface and an outer surface,
8 said inner surface including an adhesive layer.

9 3. The resin chamber construction of claim 2, including a
10 release cover over said adhesive.

11 4. The invention of claim 2 wherein said peripheral flange is
12 substantially on a plane, and said chamber extending outward from
13 said plane of said peripheral flange portion without adhesive.

14 5. The invention of claim 2 wherein said peripheral flange
15 includes a tab.

16 6. The invention of claim 4 wherein said at least one vent and
17 said pouring spout open into said chamber, said at least one vent
18 and pouring spout in close proximity to each other.

19 7. The invention of claim 6 wherein said chamber includes an
20 outer surface and said outer surface includes light diffuser
21 means.

22 8. The invention of claim 7 wherein said chamber is round.

23 9. The invention of claim 7 wherein said chamber is square.

24 10. The method of repairing a break in a selected light
25 permeable surface of plastic or glass substantially maintaining

1 light diffusion characteristics of said selected surface including
2 the step of providing a cover, for said break, said cover being
3 transparent and including an adhesive surface, engaging said cover
4 surrounding said break, said cover engaged at said adhesive
5 surface and over said break, providing an integral resin chamber
6 construction, said resin chamber construction including a chamber,
7 a peripheral flange, a pouring spout, and at least one vent, said
8 at least one vent and pouring spout in close proximity to each
9 other, said peripheral flange including an inner surface and an
10 outer surface, said inner surface including an adhesive layer,
11 said peripheral flange substantially on a plane, said chamber
12 extending outward from said plane of said peripheral flange
13 portion without adhesive, said at least one vent and said pouring
14 spout opening into said chamber, said chamber including an outer
15 surface, said outer surface optionally including light diffuser
16 means, said chamber of greater periphery than said cover, engaging
17 said adhesive layer of said flange surrounding and spaced away
18 from said cover, maintaining said integral resin chamber
19 construction with said cover and integral chamber construction
20 with said pouring spout above horizontal, introducing a selected
21 curable resin through said pouring spout, curing said resin,
22 forming a bead molded inside said chamber over said break and
23 extending over said cover, and removing said resin chamber
24 construction.

25 11. The method of repairing a bulls eye break through plate

1 glass substantially maintaining transparency characteristics of
2 said plate glass, said break including an opening and a pit,
3 including the step of providing a cover over said pit, said cover
4 and including an adhesive surface, engaging said cover surrounding
5 said pit, said cover engaged at said adhesive surface and over
6 said pit, providing an integral resin chamber construction, said
7 resin chamber construction including a chamber; a peripheral
8 flange; a pouring spout, and at least one vent, said at least one
9 vent and pouring spout in close proximity to each other, said
10 peripheral flange including an inner surface and an outer surface,
11 said inner surface including an adhesive layer, said peripheral
12 flange substantially on a plane, said chamber extending outward
13 from said plane of said peripheral flange portion without
14 adhesive, said at least one vent and said pouring spout opening
15 into said chamber, said chamber including an outer surface,
16 engaging said adhesive layer of said flange surrounding said
17 break, maintaining said integral resin chamber construction with
18 at least said pouring spout and said at least one vent above
19 horizontal, introducing a selected curable resin through said
20 pouring spout, curing said resin, removing said resin chamber
21 construction, and trimming said glass repair surfaces.

22 12. A kit for repairing a break in a selected light permeable
23 surface of plastic or glass substantially maintaining light
24 diffusion characteristics of said selected surface including a
25 cover, said cover including an adhesive surface mounted on a

1 release sheet, said cover being transparent and including an
2 adhesive surface, said adhesive surface mounted on a release
3 sheet, an integral resin chamber construction, said resin chamber
4 construction including a chamber; a peripheral flange; a pouring
5 spout; at least one vent; said at least one vent and pouring spout
6 in close proximity to each other; said peripheral flange
7 substantially on a plane, said chamber extending outward from said
8 plane of said peripheral flange portion; said at least one vent
9 and said pouring spout opening into said chamber, said chamber
10 including an outer surface, said outer surface optionally
11 including light diffuser means, said chamber of greater periphery
12 than said cover, a gasket; said gasket including at least a first
13 adhesive layer; at least one vent inset; a pouring spout inset;
14 and a second adhesive layer, and at least a sealed curable resin
15 container.

16 13. The kit of claim 12 contained in a display card, including
17 a blister cover, said integral resin chamber construction
18 imprinted in said blister cover.